

RAW SEQUENCE LISTING

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Application Serial Number: 10/726, 554
Source: JFL00
Date Processed by STIC: 07/26/2005

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/726,554

DATE: 07/26/2005

TIME: 09:46:46

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1 <110> APPLICANT: LEE, Jong Wook et al.
2 <120> TITLE OF INVENTION: A VARIABLE REGION OF THE MONOCLONAL ANTIBODY AGAINST
3     THE HBV S-SURFACE
4     ANTIGEN AND A GENE ENCODING THE SAME
5 <130> FILE REFERENCE: 1599-0197P
6 <140> CURRENT APPLICATION NUMBER: US/10/726,554
7 <141> CURRENT FILING DATE: 2003-12-04
8 <150> PRIOR APPLICATION NUMBER: US/09/865,483
W--> 9 <151> PRIOR FILING DATE: PRIO FILING DATE: 2001-03-29
10 <160> NUMBER OF SEQ ID NOS: 14
11 <170> SOFTWARE: PatentIn version 3.1
13 <210> SEQ ID NO: 1
14 <211> LENGTH: 32
15 <212> TYPE: DNA
16 <213> ORGANISM: Artificial Sequence
17 <220> FEATURE:
18 <223> OTHER INFORMATION: Primer targeted to the cDNA encoding the light chain
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20     region of the monoclonal antibody against the HBV S-surface
21     antigen
22 <400> SEQUENCE: 1
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27 <212> TYPE: DNA
28 <213> ORGANISM: Artificial Sequence
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33     antigen
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39 <212> TYPE: DNA
40 <213> ORGANISM: Artificial Sequence
41 <220> FEATURE:
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45     antigen
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50 <211> LENGTH: 35
51 <212> TYPE: DNA
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56   region of the monoclonal antibody against the HBV S-surface
57   antigen
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61 <210> SEQ ID NO: 5
62 <211> LENGTH: 327
63 <212> TYPE: DNA
64 <213> ORGANISM: Escherichia coli
65 <400> SEQUENCE: 5
66      caggctgttg tgactcgagga atctgcactc accacatcac ctggtaaaac agtcacactc          60
67      acttgcgtca caagtactgg ggctattaca actaataact ttgcactg ggtccaaagaa          120
68      aaaccagatc atttattcac tggctataa ggtgatacca acaaccgagt tccgggttt          180
69      cctgccatc tctcaggctc cctgatttggaa gacaaggctg ccctcaccat cacagggca          240
70      cagactgaag atgaggcaat atatttctgt gctctatggt acaacaactg ggtgtcggt          300
71      ggaggaacca aactgactgt cctaggc          327
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74 <211> LENGTH: 342
75 <212> TYPE: DNA
76 <213> ORGANISM: Escherichia coli
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80      ccagggaaagg gtctggatgt gctgggatgt atatggatgt gtggaaacac agactataat          180
81      gcagcttca tatccagact gagcatcagc aaggacaact ccaagaacca agtttcttt          240
82      aaagtgaaca gtctgcaagc ttagtgcacaca gccatatatt attgtgccag agcacggtag          300
83      ttcgatgtct gggcgctgg gaccacggc accgtctcct ca          342
85 <210> SEQ ID NO: 7
86 <211> LENGTH: 109
87 <212> TYPE: PRT
88 <213> ORGANISM: Escherichia coli
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91      1           5           10          15
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93      20          25          30
94      Asn Phe Ala Asn Trp Val Gln Glu Lys Pro Asp His Leu Phe Thr Gly
95      35          40          45
96      Leu Ile Gly Asp Thr Asn Asn Arg Val Pro Gly Val Pro Ala Arg Phe
97      50          55          60
98      Ser Gly Ser Leu Ile Gly Asp Lys Ala Ala Leu Thr Ile Thr Gly Ala
99      65          70          75          80

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100 Gln Thr Glu Asp Glu Ala Ile Tyr Phe Cys Ala Leu Trp Tyr Asn Asn
101 85 90 95
102 Trp Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly
103 100 105
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106 <211> LENGTH: 114
107 <212> TYPE: PRT
108 <213> ORGANISM: Escherichia coli
109 <400> SEQUENCE: 8
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112 Ser Leu Ser Ile Thr Cys Thr Val Ser Gly Phe Ser Leu Ser Thr Tyr
113 20 25 30
114 Gly Val Gln Trp Val Arg Gln Ser Pro Gly Lys Gly Leu Glu Trp Leu
115 35 40 45
116 Gly Val Ile Trp Ser Gly Gly Asn Thr Asp Tyr Asn Ala Ala Phe Ile
117 50 55 60
118 Ser Arg Leu Ser Ile Ser Lys Asp Asn Ser Lys Asn Gln Val Phe Phe
119 65 70 75 80
120 Lys Val Asn Ser Leu Gln Ala Asp Asp Thr Ala Ile Tyr Tyr Cys Ala
121 85 90 95
122 Arg Ala Arg Tyr Phe Asp Val Trp Gly Ala Gly Thr Thr Val Thr Val
123 100 105 110
124 Ser Ser
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127 <211> LENGTH: 14
128 <212> TYPE: PRT
129 <213> ORGANISM: Escherichia coli
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136 <212> TYPE: PRT
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145 <213> ORGANISM: Escherichia coli
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151 <211> LENGTH: 5
152 <212> TYPE: PRT
153 <213> ORGANISM: Escherichia coli

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154 <400> SEQUENCE: 12
155 Thr Tyr Gly Val Gln
156 1 5
158 <210> SEQ ID NO: 13
159 <211> LENGTH: 16
160 <212> TYPE: PRT
161 <213> ORGANISM: Escherichia coli
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167 <211> LENGTH: 6
168 <212> TYPE: PRT
169 <213> ORGANISM: Escherichia coli
170 <400> SEQUENCE: 14
171 Ala Arg Tyr Phe Asp Val
172 1 5

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/726,554

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